US EPA RECORDS CENTER REGION 5

505777

NO. 5710251 COUNTY: Mon.
NAME: Custom Deliveries
ADDRESS: 1951 Dryden Rd.
CITY & ZIP CODE: Moraine, 45439

#### SUSPECTED RELEASE REPORT

REPORT #15171110121511110101.111414111	DATE: 2/7/91
[1] PERSON REPORTING THE RELEASE	TIME: 12:25
NAME: Mary Ellen Lung TITLE: Env Cooke	PHONE: (246) 765 - 5045
AGENCY/COMPANY: Laces way Transportation Con	RELATION TO SITE:
ADDRESS: 3700 Park East Drive CITY: Cla	volund ST: OH ZIP: 44122
REMARKS:	
- [2] SUSPECTED PETRASE LOCATION	
MULTIPLE SUSPECTED SOURCES? YES NO UNDETERMI	INED COUNTY: Management La
FACILITY: Custom Doliveres	FACILITY ID4: 57
ADDRESS: 1951 Dryden Rd	
CITY: Moraine ST: 64 ZIP: 45439	PHONE: ( ) ΝοΝΕ
UST OWNER: Laureway Transportation	PHONE: (216 ) 765 - 5042
UST OPERATOR: 1 cuseway Transportation	PHONE: (216 ) 765-5042
REMARKS: Muraur M. Lynn Clark - Dir of Env	Attairs
FIRE DEPT: Moveme CONTACT: 306 Bons	PHONS: (613 )299-78:2
- [3] CONDITIONS LEADING TO REPORT OF SUSPECTED RELEAS	Check all that apply)
Inventory control results indicate a release may ha	we occurred.
✓ Testing, monitoring or sampling results indicate a	release may have occurred.
Unusual operating conditions observed (e.g., sudder	n drop in tank volume).
Impacts noticed in area surrounding tank (e.g., var	pors, well contaminated, run-off).
Spill or overfill of petroleum in excess of 25 gall	lons.
Soil/Groundwater contamination discovered during no	
Closure (or replacement) assessment results indicat	te that a release has occurred.
OTHER CONDITIONS: Vacuum Toby - NO Vacuum Com	ald been drawn, suspect
look above product line ~ 12.500 gellons in	25T, will be prompted ent.
Balance has a loose Firming on ust will son	cover rank to have access
******COMPETE REVERSE SIDE******	
[10] REPORT DISPOSITION (Indicate actions taken o	n reverse side)
TAKEN BY: Smith EMERGENCY ACTION? YES Y	NO PT FH _OEPA ( )
COORD: REPORT/ACTION APPROVED:	DATE: 2/11/91
LOGGED BY: 25 DATE FEB 1 4 191 ENTERED E	
CIRCLE STATUS: RPT SUS DIS CON ICA ICR PRIORITY: 1 2 3	4 CLASS: A B C O T NON-LTF
ICC SAS SAC CAS CAP NFA	

[4] RELEASE IMPORMATION			
DATE FIRST DETECTED: 1 / 7 / 91 TIME: 12 50	EST. QUANTITY:	aknowa	
SUBSTANCE RELEASED/DETECTED: GASOLINEDIES	· .	• •	
OTHER PETRO HAZ SUBST UNKNOWN EST. DU	RATION:kna-	<u> </u>	<u> </u>
MEDIA EFFECTED (Check all that apply): SOIL	_ PAVEMENT BA	SEMENT	SEVERS
GROUNDWATER SURFACE WATER OTHER:			
TF ELIGIBLE? YES NO If no, why?:		1.	
== [5] UST INFORMATION			
FACILITY REGISTRATION CURRENT? YES _ NO _ UNKNO		or all facili	ties)
NUMBER OF TANKS: \ RELEASE DETECTION METHOD:	-	<del></del>	
-CONST SUBSTANCE AGE CAPACITY MATERIAL STORED STATUS AGE  5 20000 Fo chiesel were	-CONST CAPACITY MATERIAL	SUBSTANCE STORED	STATUS
		<del></del>	
PROBABLE LOCATION OF RELEASE: TANK NO PIPE BETWEE	EN A	ND	
PROBABLE CAUSE: 1006 - Filling			<del></del>
OTHER POTENTIAL SOURCES AT THIS LOCATION:			
[6] SITE/HAZARD INFORMATION			
(o) desiry the extended			:
IMPORTANT SITE OR SURROUNDING AREA CHARACTERISTICS:	COMMERCE	·	
PROXIMITY TO DRINKING WATER SOURCES: New Montgon	lery Commy Wans	ب مسهولیو ن	مالع
	· · · · · · · · · · · · · · · · · · ·		
OTHER FIRE/WATER/HEALTH HAZARDS AT THE SITE: Down	build valla		
	<u> </u>		
[7] INITIAL RESPONSE ACTIONS BY OWNER/OPERATOR -	(Check all that	apply) ———	
Release confirmation/Investigation Init	ial site investigut	ion	
Release confirmation/Investigation Init Initial corrective action procedures Site	/Assessment/Exposur	a Assessment	
Free product removal Unkn Long term corrective action plan None	main mide retarrised	•	
- [3] WERE ANY OTHER AGENCIES NOTIFIED PRIOR TO BU		ed)	·
agency name:			,
		DAIE:/_	<i></i>
8:00 Bob Bunch (Morano FS) Intermed him of	whom. will eall be	araman Alan k	
a number of abandonal usts on P		• •	_
crasic land	7	mind promite	
Bizo- Lite mossage to Tom Hun (Monr Co H)	is over buried w	allow may be	1
8:20- L. The mosenge for Tom Hard Control Sign 8:20- Sim Shoomuker (Dayrun Book Word) Sign Very close no one of Mongyomery	the well almorable.		
volu close as she she work downerd		•	_
9:10 - Storb Magel (Monryon . Co San Bay) Waren mable 8-	How To SmcE. T+ co	in Liela m	• -
CALLS TO: (D), CHO, CED, ODH, OEPA/ER, OEPA/DFDV, OE	"A/LGV, OTHER		

2/8

NO. 5710251 CJUNTY: Montgomery

KAME: Custom Deliveries

ADDRESS: 1951 Dryden Rd.

CITY & ZIP CODE: Moraine, 45439



### **Ohio Department of Commerce**

George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations 5450 Poe Avenue, Suite 104 • Dayton, OH 45414-2646 • (513) 454-7500

Nancy S. Chiles, Director

April 10, 1992

Mr. Lynn Clark Leaseway Transportation Corp. 3700 Park East Drive Cleveland, OH 44122 Custom Deliveries 1951 Dryden Rd. Moraine, OH 45439 Montgomery County Incident #5710251-00

Dear Mr. Clark:

The State Fire Marshal, Bureau of Underground Storage Tank Regulations, (SFM, BUSTR) has received all required information regarding corrective actions of an underground storage tank (UST) release at the aforementioned location. Upon review of the analytical results and required reports, at this time BUSTR is not requiring further corrective actions of any contamination resulting from petroleum UST activity at the facility.

RE:

Due to information potentially not discovered or revealed, nothing in this letter should be interpreted as a guarantee or warrantee that no problems exist at the aforementioned location. In addition, this letter does not release the responsible party from future responsibility and liability under sections 3737.88 through 3737.89 of the Ohio Revised Code and other state laws and regulations or under the Federal Clean Water Act, Resource Conservation and Recovery Act, or Comprehensive Environmental Response, Compensation, and Liability Act for remedying conditions resulting from any release of contaminants to the environment.

If you have any questions about this determination, you can write to us at Southwest Field Office or telephone us at (513) 454-7500.

Steels ( Jastan

Sheila Gaston
Site Coordinator
Bureau of Underground
Storage Tank Regulations
Southwest Field Office

SJG: cah

cc: File #5710251-00

Sob Bennett, Moraine Fire Dept.

Mark Case, Montgomery Co. Health Dept.

SITE LISTING UPDATE FORM
EXISTING INCIDENT 6: 57/103511 - 10101 - 1111 UPDATE.001 REV 8/89
FACILITY NAME: CUSTOM DOLLIGICAL NEW FACILITY INFO? YES NO (Update on back)
- [1] REASON FOR LISTING UPDATE
[i] Written report/results received from owner/operator. [2] Verbel report/results received from owner/operator. [3] Written report received from BUSTR contractor. [4] Information collected from BUSTR field examination/inspection. [5] Change is site coordinator/contractor assignment. [6] Change/delete existing incident number - explain change in remarks section [5]. [7] Create new incident number for additional suspected facility/location. [8] Orders issued. [9] Other:
- (2) WEN SITE LISTING BATA
INCIDENT #:
EMERGENCY RESPONSE:YES NO NY: FM () GEPA USEPA
STATUS: RPT SUS DIS CON ICA ICR ICC SAS SAC CAS CAS CAS
PRIORITY: 1° 2 3 4 5
CLASSIFICATION: _A _B _C _0 LTF ELIGIBILITY:YES (1) _ NO (2)
SITE COORDINATOR: CONTRACTOR: WORK ORDER:
- Priories sentence - why is it = 17 Second sentence - who is doing what at this time)  - Prioriety 2 due 40 perceptaguijer  - Pel a closure represent four 20,000 gal. diesel Vanla. Final Closure  - paraples are NP four BTEX, TPH = 40 ppm. Pamoued 720.2%  - (4) TEN EXCEPTION REPORT TOTAL  Of 50110 Tanks was on a Concrete pad.
- (4) MEN ENCEPTION MEPORT MATA Of Soils Tank Was on a Concrete pad.
— (5) SITE NUMCHERT REGULES ————————————————————————————————————
Requiest NFA Status.
- (6) FOLLOW-UP BUSTR ACTIONS/ASSIGNEST
(for use by supervisor)
UPDATE SUBSTITIED BY: 24 MAIOS BATE: 3 127.92
MANONON SE ( ME: 3130172 ENTRY: DATE: DATE: DATE:



Department of Environmental Affairs Leaseway Transportation Corp.

3700 Park East Drive Cleveland, Ohio 44122 216-765-5500

January 31, 1992

Via Certified Mail
Return Receipt Requested

Ms. Sheila Gaston
Bureau of Underground
Storage Tank Regulations
6450 Poe Avenue, Suite 104
Dayton, Ohio 45414-2646

Dear Ms. Gaston:

This letter is in response to your January 6, 1992 inquiry regarding the closure of an underground storage tank for Custom Deliveries, Inc. ("Custom"), 1951 Dryden Road, Moraine, Ohio, Montgomery Co., Incident \$5710251-00. Custom retained the services of Associated Environmental, Inc. ("AEI") to oversee the technical and compliance aspects of this tank closure. AEI has recently completed their report on this matter which concludes that the B.T.E.X. and TPH levels encountered at the limits of excavation were within the acceptable limits prescribed by the State. Because these standards were attained, no further action is planned by Custom.

Please review the enclosed report and advise me if a different position is assumed by BUSTR.

Sincerely yours,

Lynn A. Clark, P.B.

Director, Environmental Affairs

LAC/88

Enclosure

cc: D. K. Cooper

G. Humes (w/enclosure)

W. D. Weiss

#5710251-00

Jan ? n

5710251-00



# UNDERGROUND STORAGE TANK CLOSURE FOR CUSTOM DELIVERIES, INC. AT 1951 DRYDEN ROAD MORAINE, OHIO

Prepared By:

#### ASSOCIATED ENVIRONMENTAL, INC.

2501 W. Third Street
Cleveland, Ohio 44113
(216) 621-0008 Fax: (216) 621-7897

**JANUARY 1992** 

**JOB NO. C91103** 

arthur O. Buff

Jeny & Newl

#### UNDERGROUND STORAGE TANK CLOSURE FOR CUSTOM DELIVERIES, INC. AT 1951 DRYDEN ROAD MORAINE, OHIO

**JANUARY 1992** 

#### **DOCUMENT OWNERSHIP**

"This document has been prepared by ASSOCIATED ENVIRONMENTAL, INC. for its private use in providing professional service to the above mentioned client. Ideas and standardized design are the property of ASSOCIATED ENVIRONMENTAL, INC. and are not to be used in whole or in part, without the written authorization of ASSOCIATED ENVIRONMENTAL, INC."

# UNDERGROUND STORAGE TANK CLOSURE FOR CUSTOM DELIVERIES, INC. AT 1951 DRYDEN ROAD MORAINE, OHIO

#### **INTRODUCTION**

Associated Environmental, Inc. (Associated) was retained by Custom Deliveries, Inc. to provide underground storage tank (UST) closure services for Custom Deliveries site located at 1951 Dryden Road, Moraine, Ohio. The site is currently being leased by B & G Equipment and Truck Repair, a facility that provides maintenance of heavy equipment and trucks.

The Bureau of Underground Storage Tank Regulations (BUSTR) was notified by Associated on July 23, 1991 of the intended closure of one (1) 20,000 gallon UST. In addition, a permit to remove the UST (Ref. Exhibit A) was granted by BUSTR on September 23, 1991. Subsequently, the tank was closed in accordance with the requirements of BUSTR.

The UST was removed from the ground and disposed of by Enroserv Midwest, Inc. (Enroserv), Installer Identification Number 10-90-0675. As part of the UST closure site assessment, soil samples were obtained and laboratory analyzed for petroleum hydrocarbons. Laboratory results as well as closure procedures are presented in the following sections. Representative site photographs are included as Exhibit B.

#### **UST SYSTEM CLOSURE**

Drawing No. C91103-1 contains a Base Map of the subject site. This map shows the location of the USTs and associated product vent lines. Four (4), one (1) inch copper lines extended from the UST area to the building and were contained in a twelve (12) inch diameter PVC conduit. These lines were used to transport motor oil, antifreeze and other maintenance fluids from the building to the fueling station. A vertically installed twelve (12) inch diameter PVC pipe was located in the tank pit, immediately west of the UST. This pipe extended from the ground surface to the bottom of the tank pit.

One (1) 20,000 gallon UST and associated product and vent piping were removed from the subject site from 18 September 1991 to 20 September 1991 by Enroserv. The UST was previously used to store diesel fuel. On 18 September 1991, approximately nine (9) to ten (10) inches of concrete covering the UST was removed. The concrete was subsequently transported and disposed of as non-hazardous, non-contaminated rubble by Valley Construction Company, 1280 Brandt Pike, Dayton, Ohio.

Once the concrete was removed, the tank was then uncovered and visually inspected before removing from the ground. Soil surrounding the UST consisted of pea gravel which was placed during installation of the tank. All soil removed during excavation was stockpiled on and covered by plastic sheeting. Based on visual observations, the tank was relatively clean and no holes or cracks were noted. A concrete pad was found to exist under the UST. The pad was not removed.

The tank was crushed into a roll-off box and stored on site until approval for disposal was obtained. The crushed tank was transported to and disposed of at BFI's Bigfoot Run Sanitary Landfill in Morrow, Ohio on 20 November 1991. The signed Manifest is provided in Exhibit C.

The PVC conduit and copper piping were cut off at the UST pit and the PVC capped prior to backfilling the excavation.

#### SPECIAL SITE CONDITIONS

During excavation and removal of the UST black-gray fine sand and trash were found to exist along the walls of the excavation. Commingled in the fill material were paint cans, multi-colored soil, newspaper, steel pipe and incinerator ash. The fill material was encountered on all sides of the tank pit and extended to a depth of approximately twelve (12) feet below the ground surface. Underlying the fill material was a natural, brown silty sand and gravel. Groundwater was not encountered during the excavation of the UST.

#### **CLOSURE SITE ASSESSMENT PROCEDURES**

Soil samples were collected from the UST pit at locations shown on Drawing No. C91103-2 on 20 September 1991. Since groundwater was not encountered at the site during removal of the UST no groundwater samples were collected.

The BUSTR UST Closure Assessment Requirements (dated 7/90) require that soil samples be collected where strong odors or soil discolorations indicate the

presence of contamination and from the excavation floor at the approximate ends of a UST. An area of stained soil was observed that extended from the top-center of the UST, near a fill port, down along the side of the tank as well as around the twelve (12) inch PVC stand pipe to the concrete pad. The stained soil was limited to the fill material surrounding the tank and was not noted in natural soils at the base of the UST pit. A soil sample (Sample No. Tank - W) was taken in the natural soils immediately adjacent to the concrete pad and the standpipe.

Soil samples were also taken at the south end of the UST (Sample No. Tank-S) and on the east side of the UST pad (Sample No. Tank - E); both at the bottom of the excavation. The northern end of the UST pit could not be sampled due to the creation of unstable soil conditions along the wall during excavation and the possibility of undermining the power pole located at the northern edge of the tank pit. However, during excavation no visual staining was noted at the north end.

Soil samples were taken at each location by removing soil with a hand-held shovel and breaking the soil away to obtain a relatively undisturbed sample. The sample was placed into sterile jars supplied by the testing laboratory. All soil sample containers were labeled, placed in coolers at 4°C and taken to RECRA Environmental Inc. in Cleveland, Ohio. Exhibit D provides Associated's Chain-of-Custody Record for soil sample disposition.

#### LABORATORY ANALYSES AND DATA EVALUATION

Three (3) soil samples were laboratory analyzed for benzene, toluene, ethylbenzene and xylene (BTEX) using Environmental Protection Agency's

(EPA) Method 8020 and total petroleum hydrocarbons (TPH) using EPA Method 418.1. Based on the laboratory data report, benzene, toluene, and xylene were detected in Sample No. Tank E at concentrations of 0.083, 0.047, and 0.33 parts per million (ppm), respectively. Ethylbenzene was not detected in the sample. TPH was detected in each sample tested at concentrations ranging from 36 ppm to 151 ppm. A summary of the soil analytical results is shown in Table No. 1. The complete laboratory data report is included as Exhibit E.

The Ohio Environmental Protection Agency (OEPA) currently has no specific target soil remediation values. The degree of cleanup is evaluated on a site by site basis. According to the regulations, the method detection limit is typically used as a clean-up level.

Two (2) additional soil samples (Sample Nos.ICM-91-209-01-001 and ICM-91-209-01-002) of the black-gray fill material along the east and west sides of the UST pit were taken by Enroserv on 16 October 1991 and tested for BTEX and TPH by Bowser Morner of Dayton, Ohio. The results indicated that BTEX values were below the detection level and TPH values were measured to be 72 and 84 ppm. These concentrations were used as the basis for cleanup.

Because BTEX levels in soils on the east side (Sample No. Tank -E) and the TPH value in soils on the west side (Sample No. Tank-W) of the pit were slightly elevated, additional soils were excavated on 21 December 1991. Additional soil samples were then taken from the bottom of the excavation and analyzed for those parameters that exceeded concentrations of the overlying landfill material. The analytical results are summarized in Table No. 1.

The results of the second round of soil sampling indicated that BTEX concentrations for soil on the bottom, east side of the excavation are not detected and the TPL values on the bottom, west side was 20 ppm.

#### SOIL REMOVAL AND DISPOSAL

Soil removed from the excavation was analyzed for BTEX and TPH to determine disposal options. The results of the analyses are summarized in Table No. 1. Based on the analytical results all soil removed from the tank pit (720.2 tons) was taken to Elda Recycling and Disposal facility, 5701 Este Ave. Cincinnati, Ohio (Permit No. 135141). Transportation and disposal documentation are available upon request.

#### TANK EXCAVATION BACKFILL

The tank excavation was filled with 918.2 tons of granular, compacted fill. The fill material was supplied by Hilltop Basic Resources, 2475 South Dixie Drive, Dayton, Ohio.

#### CONCLUSIONS

Based on the analytical results and the procedures documented above, it is judged that the 20, 000 gallon fiberglass UST has been properly closed in accordance with applicable regulations and guidelines and that no further action is required at the site.

The results of the second round of soil sampling indicated that BTEX concentrations for soil on the bottom, east side of the excavation are not detected and the TPH values on the bottom, west side was 20 ppm.

#### SOIL REMOVAL AND DISPOSAL

Soil removed from the excavation was analyzed for BTEX and TPH to determine disposal options. The results of the analyses are summarized in Table No. 1. Based on the analytical results all soil removed from the tank pit (720.2 tons) was taken to Elda Recycling and Disposal facility, 5701 Este Ave. Cincinnati, Ohio (Permit No. 135141). Transportation and disposal documentation are available upon request.

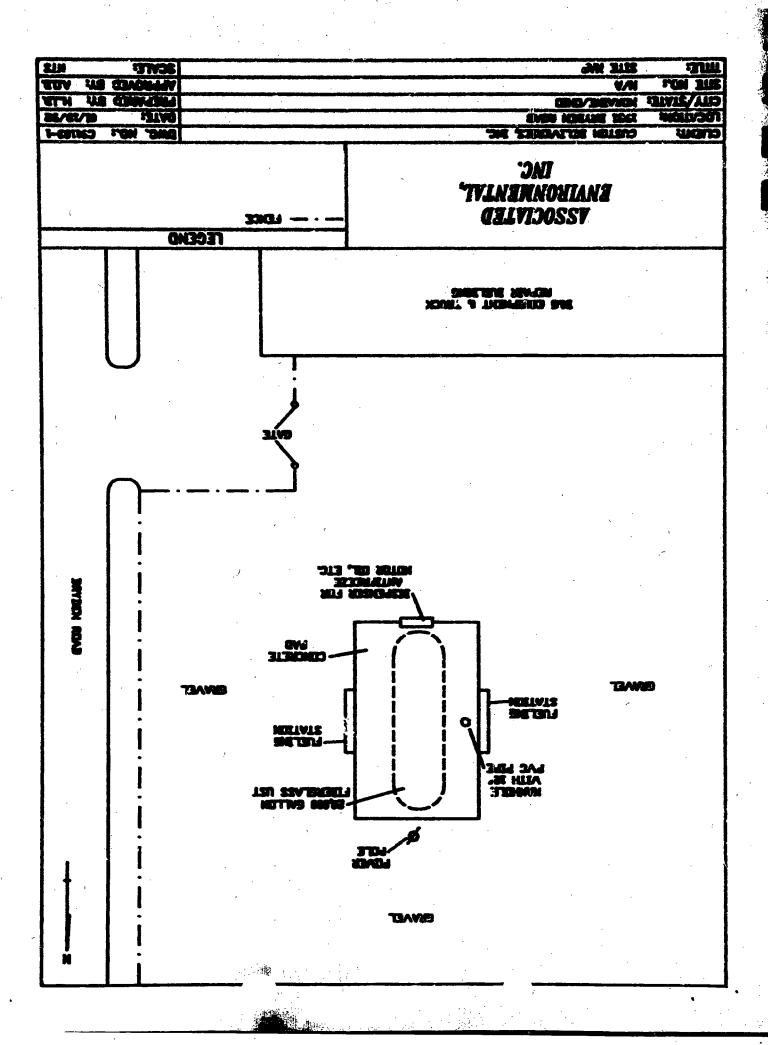
#### TANK EXCAVATION BACKFILL

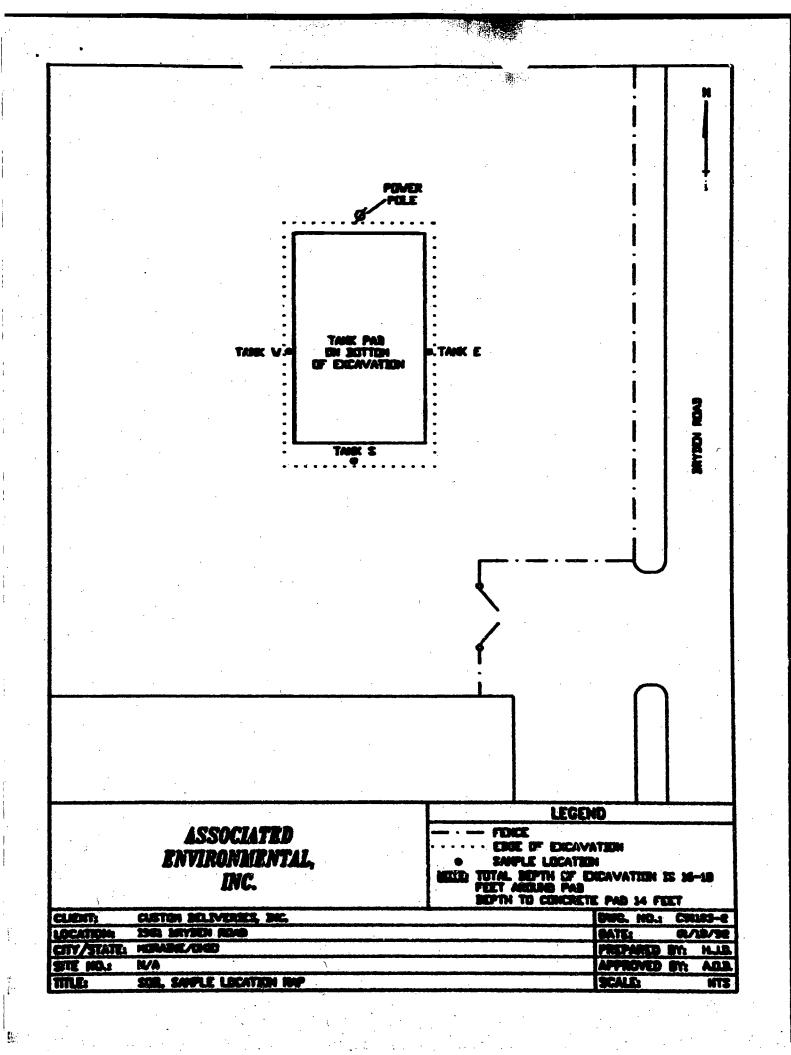
The tank excavation was filled with 918.2 tons of granular, compacted fill. The fill material was supplied by Hilltop Basic Resources, 2475 South Dixie Drive, Dayton, Ohio.

#### **CONCLUSIONS**

Based on the analytical results and the procedures documented above, it is judged that the 20, 000 gallon fiberglass UST has been properly closed in accordance with applicable regulations and guidelines and that no further action is required at the site.

**DRAWINGS** 





**TABLES** 

#### SOIL ANALYTICAL RESULTS

1180

				dury.		,
SAMPLE	FOGATOR:				A THE SHE	411.11°
TANKE	Bottom of tank excavation - east side	0.083	N.D. (0.010)	0.047	0.33	40
	Resample	N.D. (0.020)	N.D. (0.020)	N.D. (9.020)	N.D. (0.020)	
TANK W	Bottom of tank excavation - west side	N.D. (0.010)	N.D. (0.010)	N.D. (0.010)	N.D. (0.010)	151
	Resample	-		• 15.0	-	20
TANKS	Bottom of tank excavation - south side	N.D. (0.010)	N.D. (0.010)	N.D. (0.010)	N.D. (0.010)	36
ICM-91-209- 91-001	Composite of Landfilled Material	N.D. (0.002)	N.D. (0.002)	N.D. (0.002)	N.D. (0.002)	72
ICM-91-209- 01-002	Composite of Landfilled Material	N.D. (0.002)	N.D. (0.002)	N.D. (0.002)	N.D. (0.002)	84
PILEW	Composite of soil pile on west side of excavation	N.D. (0.010)	N.D. (0.010)	N.D. (0.010)	N.D. (0.010)	827
PILEE	Composite of soil pile on east side of excavation	N.D. (0.1910)	N.D. (0.010)	N.D. (0.010)	0.012	557

	ASSOCITATED ENVIRONMEN	TENEVING
CLIENT:	CUSTOM DELIVERIES, INC	JOB NO.: C91103
LOCATION:	1931 DRYDEN ROAD	SITE NO.:
CITY/COUNTY:	MORAINE/MONTGOMERY	PREPARED BY: MWK
STATE:	OHIO	APPROVED BY: NIK
SAMPLING DATE	5): 11/20/91; 10/10/91; 12/21/91	TABLE NO.: 1

**EXHIBIT A** 

# PERMIT FOR UNDERGROUND STORAGE TANKS Ohio Department of Commerce ivision of State Fire Marshal

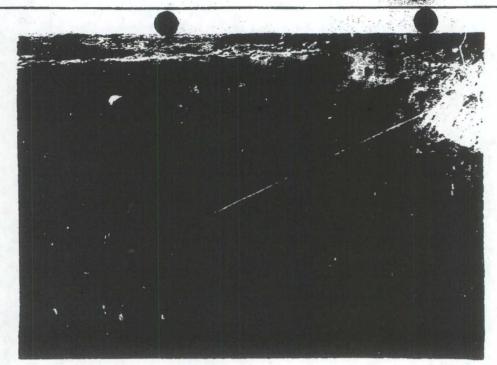


#### BUREAU OF UNDERGROUND STORAGE TANK REGULATIONS

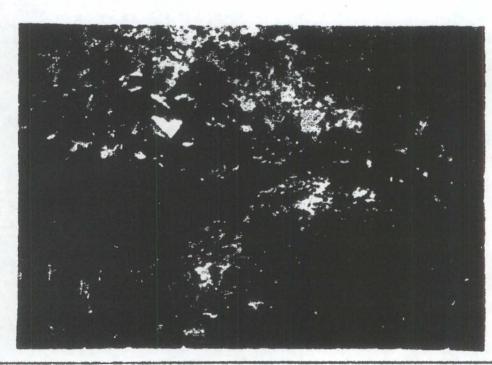
3218

A TEIN VERSUIP OF TAVELS AND		ic vitoxuis	「おんだけんか、 大きない
Owner Name (Corporation, Individual, Public Agency, or Other Entity) CUSTON CELEVERIES INC	Facility Number		2
Street Address 30300 TELEGRAPH ROAD	Facility Name or Con CUSTON DELIVER	RIFS IN	3
City State Zip Code  BERNOLOGIAN NI 48025	Street Address or Sta 1951 DRYDEN RO		iicable :
Area Code Phone Number 513 681-4861	County		
Type of Owner    Private	City (nearest)	State	Zip Code 45439
EL CONTROL OF CONTROL	SECTION WING		PYKORTOR
Contractor's Name SSUCIATED ESTERONISMON, TVC	Fire Department Na		
Contact Person Phone Number	Street Address		
11/07 KELLERINGED - SEC-1921-0005	4260 pay mt 2:		
Certified Installer's Name	City	State	Zip Code
Installer ID#	STATE USE ONLY		17635
N-52-0675			a santananan arin dan kita da
Inspector will ask to see UST installer's proof of certification Torseliately before purging operations begin open for any purpose, and the actual remova  2. Certified installer must be on-site for the following: 1. The cleaning and purging of the UST syst 2. the actual excavation and removal of the	Inspector must be pre in, immediately be all of the UST sys	efore the testen from the	and is cut he grown
3. all testing associated with the cleaning the removal in which condisconnected or capped.  Permit Issued by:  Permit No. 221:  Later Francis	g and purging proponents of the	ocesses; UST system	are
lesouctor's Signature:	Donce		

EXHIBIT B



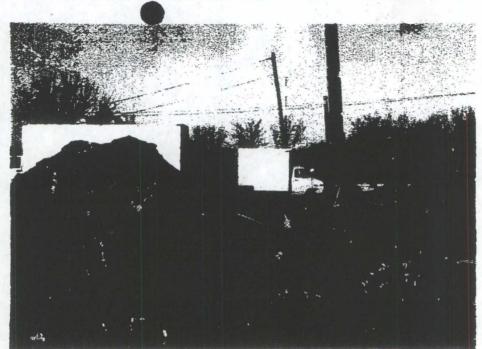
Tank excavation. View looking south. Note gray/black fill material on side walls and tank pad at bottom.



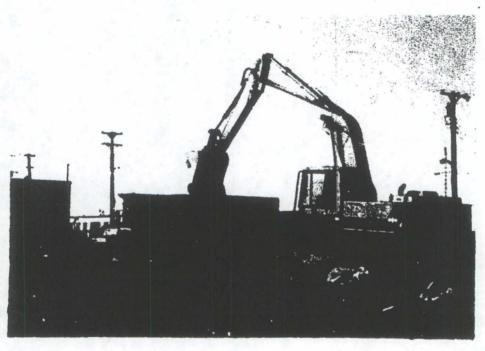
Side wall of excavation showing fill material.

#### ASSOCIATED ENVIRONMENTAL, INC.

	The first of the second control of the secon	
CLIENT:	CUSTOM DELIVERIES, INC.	JOB NO: C91103
LOCATION:	1951 DRYDEN ROAD	SITE NO.: N/A
CITY/COUNTY:	MORAINE/MONTGOMERY	PREPARED BY: M.W.K.
STATE:	ОНЮ	APPROVED BY: A.O.B.
PHOTOGRAPH I	DATE(S): 21 DECEMBER 1991	FIGURE NO: 1



View looking west a c r o s s t a n k excavation.



PHOTOGRAPH DATE(S): 21 DECEMBER 1991

Loading of soil for transportation to the disposal site.

FIGURE NO:

ASSOCIATED ENVIRONMENTAL, INC.			
CLIENT:	CUSTOM DELIVERIES, INC.	JOB NO: C91103	
LOCATION:	1951 DRYDEN ROAD	SITE NO.: N/A	
CITY/COUNTY:	MORAINE/MONTGOMERY	PREPARED BY: M.W.K.	
STATE:	ОНЮ	APPROVED BY: A.O.B.	



Tank area after backfilling. View looking east.

Tank area after backfilling. View looking southwest.



	ASSOCIATED ENVIRONMENTAL, INC.	
CLIENT:	CUSTOM DELIVERIES, INC.	JOB NO: C91103
LOCATION:	1951 DRYDEN ROAD	SITE NO.: N/A
CITY/COUNTY:	MORAINE/MONTGOMER'Y	PREPARED BY: M.W.K.
STATE:	ОНЮ	APPROVED BY: A.O.B.
PHOTOGRAPH I	DATE(S): 21 DECEMBER 1991	FIGURE NO: 3

EXHIBIT C

ă.

É

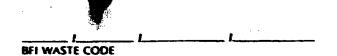
WCD No. AA	26613
------------	-------

BFI WASTE CODE

and the

 $\prod_{i=1}^{n} (y_i,y_i)^{\tilde{q}_i}$ 

BFI to complete this area.  BFI Initiator  Location	Previous Laboratory Number
Location	Dentions I absorators Number
Location	
Community of the commun	Disposal Method Requested
Company Number Date	Disposal Site Requested
Telephone Number ( )	Company Number P.O. Number
Action Requested: New Waste Approval	Analyses Requested: [] TCLP [] RCl
☐ Up-Date Approval ☐ Priority	□ Other
	Other Other
WASTE CHARAC	CTERIZATION DATA
IMPORTANT: THIS FORM IS TO BE COMPLETED BY A REPRESE	cial Waste Entative of the Waste Generator. Please read the instruc- IE USED ONLY ONE TIME, AND MUST BE TYPEWRITTEN OR LEGIBLY
1. GENERATO	DR INFORMATION
a) Cenerator's Name: Custom Deliveries Inc.	
hi Congrating Facility Address: 1951 Dryden Road	Generator's EPA Id. No. <u>D/a</u>
City Moraine State OH 7 or 45	
c) Company Representative Mark Kittinger	f) Telephane No. ( 216) <u>621-0008</u>
Title Consultant to Custom Deliveries	
d) Emergency Contact Mark Kittinger	Emergency No. (216) 923-3565
Title Consultant to Custom Deliveries	Inc.
2. GENERAL WASTE	STREAM INFORMATION
housed virgin fuel oil. Container b) Process Generating Waste. U.S.T. removal pr	
c) Is this a "Hazardous Waste" as defined by State or local Regu	
If yes, enter the Waste Identification Number if one has been as:	"Pollution Control Waste" as defined by State or local Regulations?
d) Is this a "Special Waste", an "Industrial Process Waste", or a "  Yes Ano If yes, enter Waste Identification Number:	
a) Recommended corrupal projection assistances and exected base	fling procedures:
et arecommended hereaum hearer nag exhabitue it min sherin min	
	ns 🗆 Tons 🗆 Cubic Yards 🗆 Other
Per: Day Week Month Vear Gone Time, or	
To be transported in E Bulk	
) Is a representative sample included? 🗆 Yes - 🏗 No - If yes, o	complete the RSC found on the reverse side.
3. WASTE PR	ROPERTIES @ 72°F
a) Physical State.	d) Layers:
Solid 🗆 Semi-solid	🛱 Single Phase 🗔 Bi-layered 🔲 Multi-layered
C: Powder C Liquid	e) Density Range to
Combination	□ N/D □ Ibs gal. □ g/cc.
b) Odor	□ lbs.ivd 1 □ Other
UNC.OF	f) Colods)
XT None T Mild T Strong	Describe
c) Flash Point. <sup>6</sup> F	gl pH.
□472 □73·100 □ 101·140	□420 □ 21-50 □ 51-90 □
☐ 141-200 ☐ 2201 ☐ 2KNA ☐ ND	□91424 □2125 □\$NA □ ND
4. RE	ACTIVITY
	Reactive Pyrophoric - Thermally Sensitive



S. THIS WASTE CONTAINS				
Note if the waste contains any	of the following:			
☐ Free Liquids	Digwins	☐ Etiological Agents	☐ Radioactive Materials	
☐ Free Cyanide	Organic Solvents	☐ Pathogens	C) PCBs not regulated by	
☐ Free Sulfide	Used Oils	☐ OSHA Substances	TSCA 40 CFR 761	
☐ Free Ammonia	C Virgin Oils	☐ Biological Materials	None of the above	
If any of the above are cho		slicable) and include its concentration	as part of the waste composition.	
Section 6.			•	
	6. COMPLETE V	VASTE COMPOSITION		
C entration ranges are suggespercentages (%). Attach addition		Units must be identified and are to be	in parts per million (ppm) and/or	
	Range	· _	Range	
Components	Min. / Max.	Components	Min. / Max.	
Piberglass deb	<u> </u>			
<u> </u>		- <del></del>	<del></del>	
<u></u>		·	<del></del>	
Note that the second of the se	7. TRANSPORT	ATION INFORMATION		
If the waste is a DOT Hazardon	s Material, complete the followi	ios:		
Proper USDOT Shipping Name:		· · · · · · · · · · · · · · · · · · ·		
USDOT Hazard Class	_	CERCLA Reports	hle Occantity	
USDOT MEZEUCIESE				
ing the second of the second o	a. Supplemei	NTAL INFORMATION	· · · · · · · · · · · · · · · · · · ·	
☑ None ☐ MSD She	ets 🔲 Analytical Data	☐ Memo/Letter	☐ Waste Composition  No. of Pages	
	9. GENERATO	OR'S CERTIFICATION		
I hereby certify that the above a	nd attached description is comple	te and accurate to the best of my knowle	idge and ability to determine, that	
no deliberate or willful omission	s of composition of properties est	sts, that all known or suspected hazards ntains PCBs regulated by TSCA 40 CFR	have been disclosed, and that the	
GENERATOR'S AUTHORIZED S			Environmen De	
		i ILA Consultant		
KINKI MARY W.	KITING Mail	Corpor De		
DATE PRINT MANE	SICHATU	rit.	INITIALS	
	GEORESELTATIVS	SAMPLE CERTIFICATE		
		ample of the above described waste, p	restands a manuscript of the	
itor. DO NOT COLLECT (	OR SUBMIT SAMPLES THAT AR	E RADIOACTIVE, SHOCK SENSITIVE,	EXPLOSIVE, OR PYROPHORIC	
I certify that the sample identifi	ed below that is being forwarded	to BFI for evaluation is representative of	the waste described above. I also	
understand that, should the was rned to the generator.	te material described herein not b	e acceptable for management by BFI Wi	este 5 <sub>1</sub> stems, the sample(s) may be	
Collector's Name	•	(Pref OH)	Labeli ,	
Signature		Cenerator's Name:		
Company		Waste Description:		
Tale.		T T	WCDNa AA 26613	
elephone Number ( )	·	Date at BFI Lab	BFI Lab No.	
	<u> </u>	Public of the Washington		



CINCINNATI LANDFILL DISTRICT
NON-HAZARDOUS SPECIAL WASTE MANIFEST

#### GENERATOR

TIG. No. IRBITA STREET  Vehicle License No./State56357RM  Vehicle Certification _OHTA869681212 I hereby certify that the above numed material was picked up out incident to the destination listed below.  I	enerator NameEDSDOM_DET_TYPETES_DIC	Generating Location 195: DRYDEN ROAD
Type Description of Weste  Fi Wasse Code Description of Weste  W HAZARDOUS MATERIAL NON RESILATED  I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 250:10 or any applicable state law, has been properly described, classified and packagad, and is in proper condition for transportation described state law, has been properly described, classified and packagad, and is in proper condition for transportation described state law, has been properly described, classified and packagad, and is in proper condition for transportation described between regulations.  Ric Narcal Fi MIANT  Discrimency indication Space  Vehicle License No. State SSSSTEN  Vehi	ddress 1951 DRYDEN BOAD	Address NCORDIE OH 45439
There is a second to be a second to the second the second to the second to the second to the second the second the second to the second the second to the second	MCRATNE, OR 4543G	
NOT HAZARDOUS MATERIAL  NOT RECULATED  I hiereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 20.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 29 or any applicable state law, has been properly described, classified and packag, d, and is in proper condition for transportation applicable state law, has been properly described, classified and packag, d, and is in proper condition for transportation applicable state law, has been properly described, classified and packag, d, and is in proper condition for transportation applicable state law, has been properly described, classified and packag, d, and is in proper condition for transportation applicable state law, has been properly described, classified and packag, d, and is in proper condition of conditions.  Richard A GRADIT State Sta	FI Waste Code 0 11 2 0 2 9 2 1 0 2 2	To No. Containers C - Carton R - Rec
State law, is not a hazardous waste as defined by 40 CFR Part 25 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation applicable regulations.  Richard if Stant Space    Constitution of the condition of transportation of condition to the condition of transportation of condition of the condition of transportation of condition of the condi	N HAZARDOUS MATERIAL	T-Truck P-Pounds Y-Yards
Classified and packaged, and is in proper condition for transportation decording to applicable regulations.  Richard fi GIWAT  Description Authorized Agent Name  Disposed Constitution  Printed Typed Name  Disposed Constitution  Printed Typed Name  Printed Typed Name		
PrintedTyped Name    PrintedTyped Name   Printed   Print	Richard H GRANT School	ortation according to applicable regulations.
Phone No. 513-254-2346  TRANSPORTER  Phone No. 513-254-2346  Transport Pool of Phone No. 513-24  Thereby certify that the above named material uses delivered with out incident to the destination listed below.  DESTINATION  DESTINATION  DESTINATION  DESTINATION  DESTINATION  DESTINATION  DESTINATION  DESTIN	Discrepancy Indication Space	Ologosal Courdinates
Phone No. 513-254-2346  TRANSPORTER  Phone No. 513-254-2346  Transport Pool of Phone No. 513-24  Thereby certify that the above named material uses delivered with out incident to the destination listed below.  DESTINATION  DESTINATION  DESTINATION  DESTINATION  DESTINATION  DESTINATION  DESTINATION  DESTIN	Printed Coast Mana	
phone No. 513-254-2946  phone	~	includes in any artificial strain and artificial strain and artificial strains and artificial strains and artificial strains and artificial strains are strains and artificial strains and artificial strains are strains and artificial strains are strains and artificial strains are st
defrese TIG N. IRMIN STREET Vehicle License No./State 56357RW  LAYTON, OH 45403 Vehicle Certification OHT/9869681212  Iterably certify that the above numed material was picked up the generator site listed above.  LICENSE I TO ADDRESS BIGFOOT RUN SANITARY LANDFILL 2420 E Mason Morrow Mitgrove Road - Morrow, Ohio 45152 I nereby certify that the above material has been accepted and to the best of my knowledge the foregoing is true and accurate.  AUTHORIZED AGENT (PLEASE PRINT)  Receipt Date  Proportions  Oriver Name (Print) TAMES CROEDS  Vehicle License No./State 56357RW  Vehicle Certification OHT/9869681212  I hereby certify that the above named material was delivered with out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named material was delivered with out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named material was delivered with out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named material was delivered with out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named and the out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named and the out incident to the destination listed below.  Disposal Restr	THANS	PORTER
defrese TIG N. IRMIN STREET Vehicle License No./State 56357RW  LAYTON, OH 45403 Vehicle Certification OHT/9869681212  Iterably certify that the above numed material was picked up the generator site listed above.  LICENSE I TO ADDRESS BIGFOOT RUN SANITARY LANDFILL 2420 E Mason Morrow Mitgrove Road - Morrow, Ohio 45152 I nereby certify that the above material has been accepted and to the best of my knowledge the foregoing is true and accurate.  AUTHORIZED AGENT (PLEASE PRINT)  Receipt Date  Proportions  Oriver Name (Print) TAMES CROEDS  Vehicle License No./State 56357RW  Vehicle Certification OHT/9869681212  I hereby certify that the above named material was delivered with out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named material was delivered with out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named material was delivered with out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named material was delivered with out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named and the out incident to the destination listed below.  Disposal Restriction OHT/9869681212  I hereby certify that the above named and the out incident to the destination listed below.  Disposal Restr	rack No. 99	Phone No. 513-254-2346
TIG. No. IRNEW STREET  Vehicle License No./State56357FM  EAVTORI, OH _45403  Vehicle Certification _OHE9869681212  I hereby certify that the above numed material was picked up out incident to the destination listed below.  I		Driver Name (Print) JAMES CRONEIL
TAYTORI, OH 45403  Vehicle Certification OHT9869681212  I hereby certify that the above numed material was picked up out incident to the destination listed below.  I Description  SITE AND ADDRESS  BIGFOOT RIN SANITARY LANDFILL 2420 © Mason Morrow Military Road - Morrow, Ohio 45152  I nevery certify that the above material was delivered with out incident to the destination listed below.  Description  Disposal instructions  DISPOSAL INSTRUCTIONS  ASBESTOS CELL  BURY AT BASE  DIG A TRENCH  MIX WITH REFUSE  Record Date  Rec	fidrens 716 N. IRWIN STREET	
I hereby certify that the above named material was picked up the generator site listed above.  I hereby certify that the above named material was delivered with out incident to the destination listed below.  I Description  Over System  DISPOSAL INSTRUCTIONS  DISPOSAL INSTRUCTIONS  DISPOSAL INSTRUCTIONS  ASBESTOS CELL  BURY AT BASE  DIG A TRENCH  MIX WITH REFUSE  Figure Date  Registron Date  Registron Date  Disposal Instructions		
DESTINATION  SITE AND ADDRESS BIGFOOT RUN SANITARY LANDFILL 2420 © Mason Morrow Miligrove Road - Morrow, Ohio 45152 I neverby certify that the above meterial has been accepted and to the best of my knowledge the foregoing is true and accurate.  AUTHORIZED AGENT (PLEASE PRINT)  Receipt Date  Disposal INSTRUCTIONS  ASBESTOS CELL BURY AT BASE DIG A TRENCH MIX WITH REFUSE  FROM TO THE PLEASE PRINT)	teraby certify that the above numed material was picked up	I hereby certify that the above named material was delivered with
SITE AND ADDRESS BIGFOOT RUN SANITARY LANDFILL 2420 © Mason Morrow Mitgrove Road - Morrow, Ohio 45152 I nereby certify that the above material has been accepted and to the treat of my knowledge the foregoing is true and accurate.  AUTHORIZED AGENT (PLEASE PRINT)  Receipt Date  Receipt Date  DISPOSAL INSTRUCTIONS  ASBESTOS CELL BURY AT BASE DIG A TRENCH MIX WITH REFUSE	4 frewell 112091	
BIGFOOT RUN SANITARY LANDFILL  2420 © Mason Morrow Miligrove Road - Morrow, Ohio 45152  I nereby certify that the above material has been accepted and to the treat of my knowledge the foregoing is true and accurate.  BURY AT BASE  DIG A TRENCH  MIX WITH REFUSE  Framer Date	DESTIN	NATION
ASBESTOG CELL  Incredy certify that the above material has been accepted and to the best of my knowledge the foregoing is true and accurate.  AUTHORIZED AGENT (PLEASE PRINT)  BURY AT BASE DIG A TRENCH MIX WITH REFUSE		
BURY AT BASE  But cest of my knowledge the foregoing is true and accurate.  BURY AT BASE  DIG A TRENCH  MIX WITH REFUSE  AUTHORIZED AGENT (PLEASE PRINT)  Recept Date  Recept Date  Recept Date  A Control Date  Recept Date  Rece		ASBESTOS CELL
AUTHORIZED AGENT (PLEASE PRINT)  MIX WITH REFUSE  AUTHORIZED AGENT  Record Octo		
REMATURE OF AUTHORIZED AGENT TILLITI		
Receipt Date	AUTHORIZED AGENT (PLEASE PRINT)	
TO A SHAPE WELLE A SELECTION AND A SELECTION AND A SELECTION AND A SELECTION AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT AND ASSESSMENT ASSESSMEN	Requipt Case	

EXHIBIT D

# CHAIN - OF - CUSTODY RECORD

			ASSOC	LATI	ED E	NVIR	ONM	enta	L IN		104) 5	52-82	35			•	وقع بر الاد التوبيطة العربية
COLIC.	3 4	of Descriptions	in the	Zwe		No		(1)		4.3							
Sampler (Sign	e eseli:	**************************************	D	Slot		of Company	ec	tivo,	H, <b>9</b> 0,	λ.		1		1	1	$\int$	$\int$
Florid Sensor Pen	Sample No.	Deta		Course	Grab		Ref	£et.	2-1	心的	V. V				1		L
		Shiles	1120		No.	1-Kes	1		. <del></del> .	X	X	÷ 7					14
) jje		9/2 111	11:15		1	1-166	1			¥.,	· ×				1-2	1	5
	·. (	4/2/11	11:10	7	X	1 16	Y			# <b>%</b>	. GALVA			Lac S	\$ .		7
11103		9/2/11	11:30	X		1.16	×			X				1 A			I
14.63		9/2/11	A company of the last of the l	X		1.160	• <b>X</b>		).	V							
		A CONTRACTOR OF THE PARTY OF TH				-											T
	***************************************																
				9	1							-			1		
						-									V 7		
	The state of the state of										, 10.7k			12 P	1		1
				N. S.	72			7		7	ه. د د د	9	8				13
<u></u>		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		- 3 - 3	# 38°	2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2				-		<del> </del>				1	ننظت
L Bagakh	7 Op	Dote:	Time:		Loca	red By:		Relie	galake i	ji	Uste		Ylmes		Received	<b>B</b> p	
1///	14	4/20/11	144		21	كيهج	ļ.	ļ.,					*:	-			-
Re Regulate		Detai	Time		Rece	HA 8)	<u> </u>	Reite	quished B	<del></del>	. Dele		Times	<del> </del>	Received	Byr	
	â	9/20/91	4:45	191	A Target I	1/	1.		بتستيه ميتسب								والمراجعة الم
	d Sp	Date	Times	AL		Placent and By		Remark			ــــــــــــــــــــــــــــــــــــــ			-	Sheet No	i	
91		9/20/41			4.00 jak		77	1	-			٠			of	<del></del>	-

Received @ Reone NY on 9123191 ( Ogio )

## CHAIN-OF-CUSTODY RECORD

1977	47450111															NO.	1
	olatec, bec.					P.O. Box 175	Dayton, OH 45404		(51	3) 2	54-8	990		·	Fex (513) 20	4-3323	
	Amended C						Ole B+6 Equipment Reads	8		ANAL PERCH PERAN PERAN PERAN	7316 ( 376 478	ORSIO	EO				
7	-209	A.L.		<u> </u>	سلنة		54-2436	] [			PCE INI	26	1	9/			
CL	Mad K	tione.				XXX	Mary / enfrances	1			\ob	ile in					
. AT 40 00	eample Monner	DATE	TIME	8	\$	SAM BNC PO	PLE DESCRIPTION LIDE MATRIX AND INT OF SAMPLE)	2	3	S						REMARKS	ı
1	DE SOLO	1%	WR			Jail Joseph		- 1	V	1							
2	eog Cog	off	10:20			And James	from the hope extreme	-1	·	~							2 1 12
2								-					floor				
•																	
8								-									
9								1			Ц						
7																	
•								1									
•				L						L	Ц			Ц			
10				_				1									事
2	item Number				NSP UISI	ers Ed by	TRANSPERS ACCEPTED BY	DATE	YIME	RE	<b>MAK</b>	ens		. 4	e		
	001	1-	A	公	#	1	P. Jam	19/10/	1.00				I. H	11.	e gu		
2	00 <u>2</u>	1	A		1		Reman	W. Fil	V.3.				-				
3				,													
4										SAI	APLE:	#8 B	CON IS	Ž,	4		<del>جفد ایریانی فقاد</del>

PRESENT CRESCONNE SOLOT TIES TO

# **CHAIN - OF - CUSTODY RECORD**

			ASSOC	LATE	D E	NVIR	MMC	ENTA	L, INC	- (4	104)-55	3-82	18 (2)	14) 62	1- 242	8	
14/103		il Basilpilas 15,20m De	invene3, ,	mc		Na								,			
Mar	1/11	12/a:/n/			191			MINO,	N'50'	<i>&gt;</i>		5	1	77		7	7
First Remarks No.	Lab. /	Date	These	Comp	Grab		244	Set	Bet	23		ÿ	/ .	/ /			
to Emila		12/2/81	Zilo Pm		X	180	'X'	-			X						
Produje A	`	12/20171	2:15 PM		×	1.80	X			X							
		<b> </b>	-	_	<b> </b>					<u> </u>	<del> </del>	ļ		_		<u> </u>	<del> </del>
·					├─					<b></b>	<del> </del>				-	-	<del> -</del>
		<b></b>	<del> </del>								<del>                                     </del>		+	-	+	-	<del> </del>
					-						1						
																	<u> </u>
											-		_	<b>_</b>			<del> </del>
					-				<del></del>		<del> </del>				<del> </del>	ļ	┼
	-				-	·						<u> </u>	-	-	<b></b>	-	┼
Ballan	414	Dotes	Ylanes		Roce	red By		Rolls	galaked (	71	Date		Times		Received	Bys	
KAN		izlzel'II	VED CAD.	F		EX			EX		12/21	92/	61:6	2	ne!	Rel	سند
Reliviolet	ot by	/Date	y lemes /			hed By:			galabed [		Dete		Timer		Sloughod	Ayr.	
Reitngstri	and Out	Dolor	Times		Rose	hed By:		-	- Alex	CHINE	Maria	JANIA	mc.	Sheet No.			
						- · ·		1	350	י טין	August 3CB St	4+	•		] 01	1	
		<u> </u>	<u> </u>	L				<u> </u>		Harry (	Ohio . 31 - 18	797	2	<u> </u>			سنجير

EXHIBIT E

#### ANALYTICAL RESULTS

#### Prepared For

Associated Environmental, Inc. 2501 W. 3rd Cleveland, Ohio 44113

#### Propored By

Mecra Environmental, Inc. 10 Hazelwood Drive, Suite 106 Amberst, New York 14228-2298

#### hethodologies

The specific methodologies employed in obtaining the enclosed analytical results are indicated on the specific data table. The method numbers presented refer to one of the following U.S. Environmental Protection Agency references.

- o 40 CFR Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act" October 24, 1984 (Federal Register) U.S. Environmental Protection Agency.
- o U.S. Environmental Protection Agency "Test Nothods for Evaluating Solid Waste Physical/Chemical Nothods. "Office of Solid Waste and Emergancy Responce. November 1986, SN-846, Third Edition.

#### COMMENTS

Commente pertain to date on one or all pages of this report.

The enclosed data has been reported utilizing USEPA data qualifiers (Q) as defined on the Organic and Inorganic Bata Comment Pages.

Quality control was performed on a batch basis. All results were within acceptable limits.

Results of the analysis of soils are corrected for molecular content and reported on a dry weight basis.

The dry weights (1036) were as follows:



Tank 2 = 93% Pile 2 = 97% Tank 3 = 94% Pile W = 96% Tank W = 96%

Preliminary results were sent via faceimile to Mr. Mark Kittinger of Associated Environmental, Inc. by He Candace Steady of Recra Environmental, Inc. on September 27, 1991.

#### Laboratory Name RECRA ENVIRONMENTAL. INC.

#### USEPA Defined Organic Data Qualifiers:

- U Indicates compound was analyzed for but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at a secondary dilution factor.
- G The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.
- T This flag is used when the analyte is found in the associated TCLP extraction as well as in the sample.



#### Laboratory Name RECRA ENVIRONMENTAL, INC.

#### USEPA Defined Inorganic Data Qualifiers:

- B Indicates a value greater than or equal to the instrument detection limit but less than the contract required detection limit.
- U Indicates element was analyzed for but not detected. Report with the detection limit value (e.g., 100).
- E Indicates a value estimated or not reported due to the presence of interference.
- S Indicates value determined by Method of Standard Addition.
- N Indicates spike sample recovery is not within control limits.
- \* Indicates duplicate analysis is not within control limits.
- + Indicates the correlation coefficient for method of standard addition is less than 0.995.
- M Indicates duplicate injection results exceeded control limits.
- W Post digestion spike for Furnace AA analysis is out of control limits (85-115%), while sample absorbance is less than 50% of spike absorbance.
- G The TCLP Matrix Spike recovery was greater than the upper limit of the analytical method.
- L The TCLP Matrix Spike recovery was lower than the lower limit of the analytical method.



 $\mathcal{Z}_{\mathcal{A}}$ 

CRA ENVIRONMENTAL INC.

#### SOIL MATRIX METHOD 8020 PURGRABLE AROMATICS

RECRA ENVIRONMENTAL INC.

C91103 PILE E SAMPLE NO. PILE E

**SAMPLE DATE 09/20/91** 

ANALYSIS DATE 09/24/91

COMPOUND (Units of Measure = UG/KG )	rksult	Q
Benzene Ethylbenzene Toluene	10 10 10	ם מ
m/p-Xylene * o-Xylene	12 10	ט

\*CHROMATOGRAPHICALLY META-XYLENE AND PARA-XYLENE C?BLUTE.

#### ASSOCIATED ENVIRONMENTAL SOIL MATRIX METHOD 8020 PURGEABLE AROMATICS

RECRA ENVIRONMENTAL INC.

91-2723

JOB NO. DESC C91103 PILE E SAMPLE NO. PILE E

**SAMPLE DATE 09/20/91** 

ANALYSIS DATE 09/24/91

COMPOUND		RESUL	T Q
Surrogates			
(*Recov a,a,a-Trif	ery) luorotoluene		75

#### ASSOCIATED ENVIRONMENTAL SOIL MATRIX METHOD 8020 PURGEABLE AROMATICS

LAB NAME RECRA ENVIRONMENTAL INC.

91-2723

DESC C91103 PILE W SAMPLE NO. Pile W

SAMPLE DATE 09/20/91

ANALYSIS DATE 09/24/91

_			4	<u> </u>					 <del></del>
	COMPOUND		· · · · · · · · · · · · · · · · · · ·				***	RESULT	 Q
÷.									
	Surrogates	er e de la companya d				1			
٠	(*Recove a,a,a-Trif]	ry)	<del></del>			Ĭ		· .	 
	a,a,a-Trifl	uorotolu	ere		·			67	

#### SSOCIATED ENVIRONMENTAL SOIL MATRIX

LAB NAME JOB NO. DESC

RECRA ENVIRONMENTAL INC. 91-2723

C91103 PILE B

SAMPLE NO. PILE E

SAMPLE DATE 09/20/91

COMPOUND			unit of Measure	METHOD NUMBER	Analysis Date	result	O
Total Rec.	Petro. Hy	ydrocarbons	DG/G	418.1	09/24/91	592	

## ASSOCIATED ENVIRONMENTAL SOIL MATRIX

LAB NAME

RECRA ENVIRONMENTAL INC.

JOB WO.

91-2723 C91103 PILE W

SAMPLE NO. PILE W

**SAMPLE DATE 09/20/91** 

COMPOUND			UNIT OF MEASURE		AMALYSIS DATE	RESULT	Q
Total Rec.	Petro.	Hydrocarbons	UG/G	418.1	09/24/91	855	196

## SOIL MATRIX

L'B MANNE RECRA ENVIRONMENTAL INC. 208 NO. 91-2723

SAMPLE NO. METHOD BLANK

-	\$0 (76.1% B)	10.57 US 10.57 US	Streets Streets	AMALYSIS DATS	RESULT Q
1	Total Rec. Petro. Hy	drocarbons UG/G	610.1	09/24/91	<b>25</b>



#### RECRA ENVIRONMENTAL, INC.



Chemical and Environmental Analysis Services

Crtotar 1, 1991

Mr. Mark Kittinger Associaced Environmental, Inc. 2501 W. 3rd Cleveland, Ohio 44113

Re: Analytical Results

Dear Mr. Kittinger:

Please find enclosed results concerning the analysis of the samples recently submitted by your firm. Preliminary results were sent via facsimile to Mr. Hark Mittinger of Associated Environmental on September 27, 1991. The Pertinent Information regarding these analyses is listed below:

Quote #: 0891-260

Matrix: Soil

Samples Received: 9/20/91

Sample Date: 9/20/91

If you have any questions concerning these data, please contact Ms. Donna Bateman, Project Manager, at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide Associated Environmental, Inc. with Environmental Testing Services. We look forward to serving you in the future.

Sincerely,

RECRA ENVIRONMENTAL, INC.

Lleboral & Kinecki

Deborah J. Kinecki Vice President New York Environmental Testing Operations

RMM/DJK/mec Enclosure

> I.D.#91-2723 #0891-0283 #081A3619

#### ASSOCIATED ENVIRONMENTAL SOIL MATRIX METHOD 8020 PURGEABLE AROMATICS

LAB HAME

RECRA ENVIRONMENTAL INC.

JOB NO.

91-2723

DESC

C91103 TANK B

SAMPLE NO. TANK B

SAMPLE DATE: 09/20/91

(Units	COMPOUND of Measure	- UG/KG )	result	Q
Benzene Rthylbenzene Toluene m/p-Xylene * o-Xylene			83 10 47 220 110	U

\*CHROMATOGRAPHICALLY META-XYLENE AND PARA-XYLENE COELUTE.

## ASSOCIATED ENVIRONMENTAL SOIL MATRIX METHOD 8020 PURGEABLE AROMATICS

LAB NAME JOB NO.

RECRA ENVIRONMENTAL INC. 91-2723

DESC

C91103 TANK B

SAMPLE NO. TANK E

**SAMPLE DATE 09/20/91** 

COMPOUND	ı	Į.	result	Q
Surrogates				
(*Recover	y) protoluene		82	

#### ASSOCIATED ENVIRONMENTAL SOIL MATRIX PETHOD 8020 PUPGHARLE AROMATICS

LAB MANS

RECRA ESVIRONMENTAL INC.

FUB IN.

91-2723 C91103 TAMK S

AMPLE NO. TANKS

SAMPLE DATE 09/20/91

AMALYSIS DATE 09/24/91

(Uni	COMPOUND ts of Reasure - UG/RG )	PRSUI	T	Q
Benzene Bthylbenz Toluene m/p-Xylen o-Xylene			10 10 10 12 10	9 999

\*CHROMATOGRAPHICALLY, M-XYLENE & P-XYLENE CORFUTE.

#### ASSOCIATED ENVIRONMENTAL SOIL MATRIX METHOD 8020 PURGEABLE AROMATICS

LAB HAME

RECRA ENVIRONMENTAL INC.

JOB BO.

91-2723

DESC C

C91103 TANK S

imiple ho. Tank s

**SAMPLE DATE 09/20/91** 

ANALYSIS DATE 09/24/91

COMPOUND			RESULT	Q
Surrogates				
({Recovery) a,a,a-Trifluoroto	olvena		77	

#### ASSOCIATED ENVIRONMENTAL SOIL MATRIX METHOD 8020 PURGRABLE AROMATICS

JOB NO.

DESC

RECRA ENVIRONMENTAL INC.

91-2723

C91103 TANK W

LE NO. TANK W

SAMPLE DATE 09/20/91

ANALYSIS DATE 09/24/91

COMPOUND (Units of Measure = UG/KG )	RESULT	Q
Benzene Ethylbenzene Toluene m/p-Xylene * o-Xylene	10 10 10 10 10	ם ם ם ם

CHROMATOGRAPHICALLY META-XYLENE AND PARA-XYLENE COELUTE.

#### ASSOCIATED ENVIRONMENTAL SOIL MATRIX METHOD 8020 PURGRABLE AROMATICS

LAB NAME RECRA ENVIRONMENTAL INC.

1

JOB NO. 91-2723 DESC C91103 T

C91103 TANK W

SAMPLE NO. TANK W

SAMPLE DATE 09/20/91

ANALYSIS DATE 09/24/91

COMPOUND	***		.,	RES	ULT	Q
Surrogates						
(*Recovery) a,a,a-Trifluorote	oluene				77	

### ASSOCIATED ENVIRONMENTAL SOIL MATRIX

LAB NAME

RECRA ENVIRONMENTAL INC. 91-2723

JOB NO. DESC

C91103 TANK E

SAMPLE NO. TANK E

SAMPLE DATE 09/20/91

COMPO	UND			UNIT OF MEASURE		ANALYSIS DATE	result	Q
Total	Rec.	Petro.	Hydrocarbons	UG/G	418.1	09/24/91	43	

#### ASSOCIATED ENVIRONMENTAL SOIL MATRIX

LAB NAME RECRA ENVIRONMENTAL INC.
JOB NO. 91-2723
DESC C91103 TANK S

SAMPLE NO. TANK S

**SAMPLE DATE 09/20/91** 

COMPOUND		UNIT OF MEASURE	. —	ANALYSIS DATE	RESULT	Q
Total Rec.	Petro. Hydrocarbons	UG/G	418.1	09/24/91	30	

## ASSOCIATED ENVIRONMENTAL SOIL MATRIX

LAB NAME RECRA ENVIRONMENTAL INC. TOB NO. 91-2723 DESC C91103 TANK W SAMPLE NO. TANK W

SAMPLE DATE 09/20/91

OMPOUND			UNIT OF MEASURE		analysis Date	RESULT	Q
otal Re	c. Petro.	Hydrocarbons	UG/G	418.1	09/24/91	159	

#### ASSOCIATED ENVIRONMENTAL SOIL MATRIX METFOD 8020 PURGEABLE AROMATICS

LAB NAME

RECRA ENVIRONMENTAL INC.

JOB NO.

91-2723

SAMPLE NO. METHOD BLANK

ANALYSIS DATE 09/24/91

(Units	COMPOUND of Measure	= UG/KG )		result	Q
Benzene Ethylbenzene				10 10	ם
Toluene m/p-Xylene * o-Xylene				10 10 10	0 0

\*CHROMATOGRAPHICALLY META-XYLENE AND PARA-XYLENE COBLUTE.

#### SSOCIATED ENVIRONMENTAL SOIL MATRIX METHOD 8020 PURGEABLE AROMATICS

LAB NAME RECRA ENVIRONMENTAL INC. JOB NO. 91-2723

SAMPLE NO. METHOD BLANK

ANALYSIS DATE 09/24/91

COMPOUND		result	Q
Surrogates			
(tRecover a,a,a-Triflu	cy) corotoluene	79	



D. Box 51 - Dayton, OH 45401 Shipping: 4518 Taylorsville Rd. • Dayton, OH 45424 513/238-0805

#### LABORATORY REPORT

To: Ecolotec, Inc.

Attn: A. Renee Gray 635 North Irvin Street

P. O. Box 175 Dayton, OH 45404 Date: 10/16/91

Lab. No.: 9110212 001

Sample No.: 81866 Authorization: 4812

On: One (1) Sample Received October 11, 1991 for Chemica?

Analysis.

Sample Identification: ICH-91-20901-001 10-10-91 10:15 Soll Smample From Tank Excavation 8 oz Horaine Ch. B & G Equipment Rental

ANALYTE	RESULT	UNITS
Benzene EPA Hethor		ug/Kg
Toluene EPA Hethor Ethylbenzene EPA Hethor		ug/Kg ug/Kg
Xylene EPA Method TPH EPA Method 9071	4 8020 <2	ug/Kg mg/Kg

Respectfully Submitted.

BONSER-MORNER, INC. Analytical Sciences Division

Eric C. Wedgert, Manufer Environmental Sciences Laboratory

ECN/HIJ 1 -Client



Shipping: 4518 Taylorsville Rd. • Dayton, OH 45424 Mailing: P.O. Sox 51 • Dayton, OH 45401 513/235-8805

#### LABORATORY REPORT

To: Ecolotec, Inc. Attn: A. Renes Gray 636 North Irwin Street

P. O. Box 175 Dayton, OH 45404 Date: 10/16/91

Lab. No.: 9110212 002 Sample No.: 81867

Authorization: 4812

On: One (1) Sample Received October 11, 1991 for Chesical

Analysis.

Sample Identification: ICH-91-209-01-002 10-10-91

10:20 Soil Sample From Tank Excavation 8 oz. Moraine Oh.

8 & G Equipment Rental

AXALYTE			RESUL	T UNITS
Benzene Toluene Ethylbenzene Xylene TPH EPA	EPA Ne EPA Ne EPA Ne	thod 8020 thod 8020 thod 8020 thod 8020 071/418.1	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ug/Kg ug/Kg ug/Kg ug/Kg ag/Kg

Respectfully Submitted, BONSER-MORNER, INC. Analytical Sciences Division

Erit C. Wegert: Astriger Environmental Spiences Laboratory

ECH/MI3 1 -Client ACL

ADVANCED CHEMISTRY LARS, INC.

P.O. BOX 88610 • ATLANTA, GEORGIA 30356

TELEPHONE (404) 455-1266

Attn:

Client: Associated Environmental, Inc. 2501 W. 3rd Street

Cleveland, Ohio 44113

Mr. Mark Kittinger

Client Proj. #: C91103

Deliveries

Custom

ACL Proj. #:

10275

Date Received:

12/21/91

Report Date:

1/3/92

RECEIVED

ASSOCIATED ENTROPMENTAL

STATION: T-East-A ACL M. Analytical Method Used 8020 BDL Toluene BDL Ethyl Benzene BOL Total Xylenes \_\_\_\_\_ BDL Methyl t-Butyl Ether \_\_\_\_\_ Isopropyl Ether \_\_\_\_ Units\_ µq/kg Detection Limit \_\_\_\_\_ 20 % Surrogate Recovery 99.6 Matrix \_\_ Soil Sample Collection Date 12/20/91 Sample Received Date \_\_\_\_\_ 12/21/91 Sample Preparation/Extraction Date 12/24/91 Sample Analysis Date \_\_\_\_\_ 12/24/91 Name of Analyst \_\_\_\_\_ R. Patrzalek

our Ni Tsouka Steve Tsoukalas, Ph.D. **Director** 



#### ADJANCED CHEMISTRY LABS, INC.

P.O. BOX 88610 • ATLANTA, GEORGIA 30358 TELEPHONE (404) 455-1266 Client:

Attn:

Associated Environmental, Inc.

2501 W. 3rd Street Cleveland, Ohlo 44113

Mr. Mark Kittinger

Client Proj. #. C91103

Deliveries

Custom

ACL Proj. #:

Report Date:

10275 12/21/91

**Date Received:** 

1/3/92

STATION:

T-West-A

Analytical Method Used

418.1

Total Recoverable Petroleum Hydrocarbons

20 .

Units: Detection Limit \_\_\_\_\_ Matrix \_\_\_\_\_ Sample Collection Date Sample Received Date Sample Preparation/Extraction Date Sample Analysis Date Name of Analyst \_\_\_\_

mg/kg Soil 12/20/91 12/21/91 12/27/91 12/27/91 T. Rose

**BDL** = Below Detection Limit



#### Ohio Department of Commerce

George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations 6450 Poe Avenue, Suite 104 • Dayton, OH 45414-2646 • (513) 454-7500

Nancy S. Chiles, Director

January 6, 1992

Mr. Lynn Clark Leaseway Transportation Corp. 3700 Park East Drive Cleveland, OH 44122 Custom Deliveries 1951 Dryden Rd. Moraine, OH 45439 Montgomery County Incident #5710251-00

Dear Mr. Clark:

The State Fire Marshal/Bureau of Underground Storage Tank Regulations (SFM/BUSTR) has been designated as the implementing agency for ensuring compliance with federal requirements (40 CFR Sections 280.70 to 280.74) for closure of petroleum underground storage tanks (UST's).

RE:

On September 18, 1991, the SFM/BUSTR was notified that one UST was removed from the ground at the aforementioned facility location. To date, the SFM/BUSTR has not received a closure assessment report concerning the removal of the UST(s). U.S.EPA Regulations (40 CPR Section 280.72) state that, "owners and operators [of petroleum UST's] must measure for the presence of a release where contamination is most likely to be present at the UST site".

Enclosed is a copy of the SFM/BUSTR Petroleum Underground Storage Tank Closure Assessment Requirements, which describe closure and assessment procedures for owners and operators of petroleum UST's. Compliance with these closure assessment procedures fulfills both federal and state closure requirements.

In certain instances, a closure assessment may not be required if vapor or ground water monitoring release detection methods are operating at the time of closure according to U.S.EPA Regulations 40 CFR Section 280.43 (e) and (f). If these methods indicate a release has not occurred, a closure assessment is not required. These release detection methods must have been installed and operated in compliance with federal and U.S.EPA requirements.

Please contact SFM/BUSTR within 30 days of the date of this letter and notify our office of your intent to comply with the closure requirements. If SFM/BUSTR does not receive a response from you within 30-days time period, this matter will be considered for escalated enforcement action.

Sincerely,

Sheila Gaston
Sita Coordinator
Bureau of Underground
Storage Tank Regulations
Southwest Field Office

SJG: cah

Enclosures

cc: File #5710251-00

Bob Bennett, Moraine Fire Dept.

Mark Case, Montgomery Co. Health Dept.

#### TELEPHONE MEMORANDUM

REPORT 4:1517/1012157/1.1001-1 | DATE: /12192-

TIME: 3133 \*\*\*: <u>Pob Bennets</u> TITLE: PHONT (5/3) 299-73/2 AGENCY/COMPANY: Novalice FD RELATION TO SITE CITY: ST: ZIP: SUBJECT: Nosure data NOTES & SUMMARY Have we received a closure negout get? inspection report shows the tares was removed I will and a letter requesting a respect. I will call him when we reclude it. BUSTR STAFF HEMBER: 5/18 CONTINUED ON BACK: PAGES ATTACHED

# Ohio Department of Commerce, Division of State Fire Marshal Bureau of Underground Storage Tank Regulations P.O. Box 525, Reynoldsburg, OH 43068-3305

I. OWNERSH				IL LOCATION OF TANK(S)						
Owner Name (Corporation, In			er Facility No				·			
Entity)	•					-	•			
The state of the s	Ç.		57-							
Street Address				Facility Name or Company Site Identifier, as applicable						
Server a PROPERTY OF THE PROPE			are:	CORREST DECIMALISM DIC						
City State		Zip Code	Street Address or State Road, as applicable							
DIE POTTON NO		48025	1000 10	<u>akera reterio</u>	1.6.					
Area Code Phot	ne Number		Соилку							
	52-4662	·	- 17 CM/T 079							
Type or Owner	<u> </u>	•	City (neare	St)	State	Zip	Code			
Private Local	State	Federal Gov't	1	* .	•		4.			
Cov't	Cov't	(CSA facility	[M.4][23]]	·'		. 4	5435			
•		I.D. no	ٔ ار							
III CON	TRACTOR			IV. LOCAL	FIVE DE	ARTME	₹T			
Contractor's Name			Ein Dane	tment Name		-4 4 149 8-7				
Contractor's reading	اد الخيامية العالم مساحدة	· · · · · · · · · · · · · · · · · · ·		rment Name.						
Contact Person	Phone N	Cirmhor	Street Add		<del> </del>	<del></del>	<del></del>			
		7.54.09.77		CEDET: READ						
Certified Installer's Name		<del></del>	City		State	Zip	Code			
			1802-0190	•	- C41					
Installer (De	<del></del>		STATE US							
10				• :						
		V. C	HECKLIST	· ·			\$ 15 A			
TANK INFORMATION		TANK #1	TANK #2	TANK #3	TAN	IK #4	TANK #5			
Age		120			<del></del>					
Capacity						•				
Construction		And the second								
Substance		7								
Fank ID#			a d'amains aightean g 47 - 18							
Removed					<u> </u>					
Abandoned	,	-			- ;	-				
Fank to be replaced?				<del></del>	- ` <del></del>	<del></del>	\$ 2 2 2			
Park 1			· · · · · · · · · · · · · · · · · · ·		···					
SAFETY INFORMATION			•				,			
Opening Tank										
Expelling (E=eductor, A=air diffuser	<b>x</b> .	<del></del>	.:	***************************************		· '				
(F=CULTOF, A=3ii biliuse)	•	•								
Tank Isolation	,				•		•			
Manifolded Vent Line										
(Raremoved, Dadisconne	cted)					-				
Pamp Power										
(D) disconnected, Lylocked	l and tagged)				. <del></del>	· <del></del>				
Removal of Product			•		• •					
(Laliquid, Sasludge)					· —					
			•			•				
Hammable Vapor Remova	) i									
Grounding	•	har der anheiter understellte anheiterande	Nets dans surmir Republic adaption districts . p.	MAN AND A MAN AND AND AND AND AND AND AND AND AND A						
(Geto ground, Teto tank)										
Method of removal  (Eseductor, Asair diffuser)		and a section of the	and the state of t	Company of the Company of the Company	er weather of a common					
Concentration (% of L E.L.)		1.5			!					
Concentration (% of O2)		1.5			-					
		<del></del>	•	-	· ·····					

AFETY INFORMATION (continued)	TANK #1	TANK #2	TANK #3	TANK #4	TANK #5
Tank Entry	IMNE	IANK #2	19748-92	1000	
Cutting the Hole					
(A=air driven tools, W=water drive	n tools)				
Positive Pressure air supply	<b>4 4 5 5 5</b>				
Safety Harness & Attendant outside	tank	<del></del>	<del></del>		
Protective Clothing		<del></del>			
		***************************************			
TANK CONDITION		<del> </del>	<del> </del>		
Tank(s)/Lines Purged	YTT:	·			
Holes	· · · · · · · · · · · · · · · · · · ·				
Rusted					
Pitted					1
Other	7421		-		
<u></u>		· .	1 M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
SITE CONDITION	<u>ODORS</u>	STAINING	SHEEN	FREE PROD	WATER
Tank Cavity	4 -4-1-	<del></del>	<del></del>	· <del></del> .	
Piping Run	<del></del>		<del></del>		
Beneath Dispenser(s)	VIS.		<del></del>		
Piping Removed	YesNo	Di	spenser Removed	Yes	N
if known, complete the following inform	ation:	<del></del>			
DESTINATION OF TANK(S)	) T				
DISPOSITION OF WASTE(S):	<del></del>		<del></del>	<del></del>	
SAMPLESTAKEN BY:	TO THE PERSON OF THE PARTY AND ADDRESS OF THE PARTY ADDRESS OF THE PARTY ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS OF THE PARTY AN	-3			
			· · · · · · · · · · · · · · · · · · ·		
REMARKS:				-	
<u> </u>		· · · · · · · · · · · · · · · · · · ·		<u> </u>	
					· · · · · ·
				1 1	
		<del></del>			
					<del></del>
י בי	<del></del>	,	<del></del>		
		·			
	<del></del>	<del></del>			
<del></del>			<del></del>	· · · · · · · · · · · · · · · · · · ·	<del></del>
				The second second	
<del></del>	<del></del>			· · · · · · · · · · · · · · · · · · ·	<del></del>
<del></del>	·		<del></del>		
		<del></del>			·
			·	<del></del>	
and the second s	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	<del></del>		
	·	<del></del>	<u>:</u>	·	
		. <del></del>			
/					
DATE OF INSTECTION					
NSTECTORSNAME		Torgonia de la composição		The same transfer and the same	The state of the s
NSHCTOR	1		DATE_	The state of the s	to the second of the second of the
	signature)				
		·			
NCIDENT NUMBER:			COORE		

DATE NON-LIFETE 1

CON ICA

PRIORITY.

#### TELEPHONE MEMORANDUM

REPORT #: 15	בו <u>סואיד</u> ים	1/1.10101			71/5791	
	ø.			TIME:	41/8	
CALL TO	- 1	÷			<del> </del>	·
name: <u>866</u> B		TLE:	<u></u>	PHONE ( S	3) 299-7	<u>'3/2</u>
AGENCY/COMPANY:/	novame F	<u>D</u>	RELATION	TO SITE		
ADDRESS:		CIT	Y:	ST:	ZIP:	
SUBJECT: 514	e statue	·	4			
				· · · · · · · · · · · · · · · · · · ·	·	
			<del> </del>		· · ·	
NOTES & SUMMARY				- 4		
/n.	Bennett W	ranted	Vo Conac	of well	Les .	
MERCURA	my furts	The in	10 on 4	his site.	·	· · ·
	, <b>.</b>		•			
<u> </u>	cobed at	- the f	ile and	( we have	w	. :
MISHINER	any thing	since	3-21-91	•		
We	may or m	au net	MANUTO	a bouin	a (vent	_
line lead	٤).		0			: .4
				-	<u> </u>	
Nep	lana to a	Men Vh	e Varile	remove	Leinee	•
	seen out a					
It Yhen	do a clas	we y	hat use	uld setie	her	
our ne	eds you n	ow.				
./u 	<b>V</b>		Ag A			10,3
	ş.					
. 1 3		187				
j. Ja		A V				•,
		·				
			,	:		
A.	A second	<del></del>	<del> </del>	· · · · · · · · · · · · · · · · · · ·	<del> </del>	
		, , , , , , , , , , , , , , , , , , ,				

CONTINUED ON BACK: \_\_\_\_ PAGES ATTACHED\_

BUSTR STAFF NEMBER:



Department of Environmental Affairs

March 19, 1991

Ms. Sheila Gaston BUSTR Southwest Field Office 6450 Poe Avenue, Suite 104 Dayton, Ohio 45414



Leaseway Transportation Corp.

3700 Park East Drive Cleveland, Ohio 44122 216-765-5500

Dear Ms. Gaston:

The Ohio Department of Commerce's March 5, 1991 letter regarding Custom Deliveries, Inc.'s former operation located at 1951 Dryden Road, Moraine, Ohio, Montgomery County, Incident #5710251-00 has been reviewed. I wish to assure the Department that Custom Deliveries intends to fully comply with the State's regulations regarding this incident. The Department must be aware that:

- 1. The UST was tested twice, using the Vacutect method.
- 2. During the first test (conducted on February 7, 1991) the vacuum was formed by placing seals at the top of the vent line and at the fill pipe. That test resulted in an ingress of air.
- 3. During the second test, conducted on February 26, 1991, the top of the tank was uncovered and the vent line was isolated. The tightness test was performed just on the tank itself. The tank tested tight. Mr. Doug Parks of BUSTR observed this second test.
- 4. During the excavation there was no visible evidence of contamination.
- 5. Because the vent line would not be a portion of the system where a regulated product is stored, no release of petroleum could occur from that portion of the system.

Based on the above, Custom Deliveries's position is that they have conducted a reasonable and appropriate investigation and response to this matter.

Sincerely yours,

Lyhn A. Clark, P.E.

Director, Environmental Affairs

LAC/mel

16-710251-00



#### Ohio Department of Commerce

George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations 6450 Poe Avenue, Suite 104 • Dayton, OH 45414-2646 • (513) 454-7500

Nancy S. Chiles, Director

March 5, 1991

Mr. Lynn Clark Leaseway Transportation Corp. 3700 Park East Drive Cleveland, OH 44122 RE: Custom Deliveries
1951 Dryden Rd.
Moraine, OH 45439
Montgomery County
Incident #5710251-00

Dear Mr. Clark:

On February 7, 1991, a suspected release from the underground storage tank system located at the aforementioned facility was reported to the State Fire Marshal.

On February 19, 1991, you were sent a Notice of Violation (NOV) letter. As the underground storage tank owner/operator or a legal representative thereof, you are subject to the state and federal regulations governing the investigation of suspected releases from underground storage tank (UST) systems. Specifically you are responsible for the activities as specified under Ohio Administrative Code (OAC) \$1301:7-7-28 and OAC \$1310:7-7-36.

The NOV specifically required that a tank tightness test be performed on or before March 1, 1991, soil core borings be performed on or before March 14, 1991, and soil and/or groundwater be analyzed in accordance with the State Fire Marhsal's sampling guidelines. Additionally, the NOV required that the results of the above mentioned analyses be reported to the Bureau of Underground Storage Tank Regulations within three (3) days after you received the results from your consultant/contractor.

Cn March 1, 1991 the State Fire Marshal received the results of the latest tank tightness test but no soil core boring information was included.

You must prepare and submit to the State Fire Marshal a report which meets the requirements of OAC \$1301:7-7-28(K)(2)(c) detailing soil boring core sampling, and lab analyses.

To assist our office in expediting a review of your correspondence please reference the incident number (5710251-00) and place it in the right hand corner of all your correspondence. Thank you for your cooperation, and if you have any questions regarding this matter, please call us at (513) 454-7500.

Mr. Lynn Clark Page #2 March 4, 1991

Sincerely,

Sheila J. Gaston
Site Coordinator
Bureau of Underground
Storage Tank Regulations
Southwest Field Office

SJG: cah

Enclosures

cc: YELL JUTINESS

Raymond Hughes, Dayton Fire Dept. Mark Case, Montgomery Co. Health Dept.

3-5-91 CHA; U

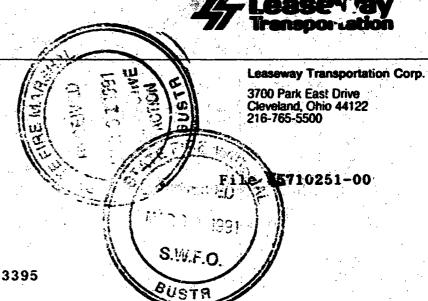


Department of **Environmental Affairs** 

February 27, 1991

Ms. Sheila J. Gaston Site Coordinator Southwest Field Office BUSTR 7510 East Main Street P. O. Box 525 Reynoldsburg, Ohio 43068-3395

Dear Ms. Gaston:



On February 7, 1991, one inactive 20,000 gallon FRP diesel tank at Custom Deliveries, Inc., 1951 Dryden Road, Moraine, Ohio, did not pass tightness testing due to an air ingress. The test results were reported to Mr. Craig Smith of your office and the tank emptied of all product on that same date. All lines and pumps had previously been removed from the tank.

On February 26, 1991, the tank was partially exposed, the suspected vent line isolated, and the tank re-tested. The tank The piping, which has been removed, had tested tested tight. tight and a line leak detector had been installed on October 8, There was no sign of contamination associated with the tank. No further action is planned at this site.

Attached please find a copy of the tank test results associated with this site. If you have any questions, please call me at (216) 765-5045.

Sincerely yours,

Mary Ellen Lunt

Environmental Coordinator

/mel

Attachment

cc: Dave Cumbo Walt Weiss CDI UST File/Log

Customer Lease way transportation SI # Date 2-26-91 Invoice Name/Address 3700 Park East, cleveland, on, 44122 Site Name/Address 1951 Dryden Re., moraine, on, 45439  Attn: Lynn Clark	`
Invoice Name/Address 3700 Park East, Cleveland OH. 44122 Phone 1-800-366-5	
Site Name/Address	799
LYNN CLARK	

					1	'ÀNK8							LI	MES		Loc	k Det	COMMENTS Has alreadown or republic
eğ seft	Tenk Product		Tank Gollons	Tenk Mari ST/ FRP/ Lined	Dipped Weter Level B SIARI END	Dipped Product Level B START END	Probe Water Level B STARI END	Weder Ingress Detected El Yee/No	Bubble ingress Detected & Yes/No	Ullege Air Ingress Detected III Yee/No	3£83g	Lingti	Mari ST/	P8/	6.0	19 20 20 PW	NEW Profesional LD SOLD YearNo	TANKS and LINES Tested to CFR-40 Pests 250-251 and NFPA 329 Spec's. Other:
1										,	· .:	14						Exist LD SN:
	041		20K	FRP	0	72	16	NO	NO	NO	T	18						New LD Sit
	030	.20			O	72	.16			* -	•.	10						Pump Mr.:
												10						
2		, , ,										24						Enter I.D SN:
						,						. 28						NewLD SH:
		•										20	1					Pump Mr.:
												20						. 1984 2011 1980
3												- 34	. :					Exist LD SN:
												8						New LD SN:
							·					30						Pump Mr.:
								•	4.			30					,	
4												4						Extet LD SN:
											·	4						New LD SN:
·												¥						Pump Mr.:
									-			9						

 Tanknology Corporation International

5225 Hollister St., Houston, TX 77040

(800) 868-8563

FAX (713) 690-2255

7 —						Site#									
	OR V		3	5.3											
	Numi		1	2	3		4	5_	6	1	8	9	10	11	12_
0	Dep	AP			<b>-</b>	_			<b></b>					-	
. A T	Wa				-	-	· ·	<u> </u>			<b> </b>	<del> </del>	<del> </del>	<del> </del>	
	Jetec OT I				-	+	. A					<del> </del>	}	<del> </del>	
				<u> </u>					<u> </u>				<u> </u>	<u> </u>	
CS	tion	D	i <b>ag</b> 1				<u> </u>	<u>- 0r</u>	gdane_!	<u>67 ,-</u>	=2			- G:AT	<u> </u>
•	•	•	•	•			•	J.C.W	دع	•	•	•	•	•	•
•		• .	•	•	•		•	•	•	•	•		•	•	•
. •		•	•	•	•		•	•	•	•	•	n •	•		•
•		•	•	•	•		•	•	,PM	-Kins	•	. •	•	•	•
•		• .	•		•		• •	-				•	•	•	•
	,		•	. •	•		•	•	<b>.</b>	, e & A.	. •	•	•	•	•
		•	•	• 1,0	•		•	•	•		7	•	€.	•	•
•		•	•	. ≯' • •.	4	-	-35-								414.
-		•		•		Ö		1	Jok.	160-1	حاك	— TAN	K UNG	744. <b>(</b> * 3	
•	•	•	•	•		9	•	•	•	OSL					•
	ı		• .	•	÷		•	•	Drive		•	•``	•	•	•
			. 5 ••									•		•	
				•			•		•		•	•	•	•	•
		٠,							-	•		-			
<del></del>		<del>,</del>		Ŷ.		<u> </u>									
rts (	asd I	abo	T BS	ed _								14 July 1		. ,	
	· · ·	, 													
								جوسون		المراد الأدورة			بعالمين	والمناسبين المناسبين	مينون فيدرون
C-12								بعدادستان		<del></del>					
ner									her						
<del></del>									2 >			170	em t	ank	
	Tan	<u>د ب</u>	<u> </u>	· Fi	<del>- 11</del>	للما	<del>- 29</del>		es act	Ni V	v v			·	
	<del></del>	**	<u> </u>	and.	tur e	e 1	16%	<del></del>	······································		<u>,,,,</u>				<del></del>
					i.				N.			,	11		
	دن المريداد		-				., 1				-				
ion I	ocal r	ogul	<b>Hos</b> i	s toda	tre t		diete	Labor	rting of		tom Id	ak-Ca	mplete	the fo	llowin
po	rted	to:	•	-7		·									<del></del>
: :	÷				<u> </u>		Hen	•				Dut		Tim	•
		<del></del>	·····	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		عم ص		P	-8-4	A	<del>, , , , , , , , , , , , , , , , , , , </del>		<del></del>		March .
<u> </u>			وسيور	3.		VE)		<b>.5.19</b>	aletery.	1	***************************************	فاعدالوا واست	. ).		Number
<u>.</u>	للهابع	bot	عع	*		arys Taryty	·				081		· · · · · · · · · · · · · · · · · · ·		
phare					,**					_					
r Co	rtiSol	Teste	co Mar	₩	· (***		-		Vac	- 26-	Cortific	ation 14	and or	1	

កក្កុក្ខភូន

-F-4<sup>K</sup>



#### **Ohio Department of Commerce**

George V. Voinovich, Governor

Division of State Fire Marshal • Bureau of Underground Storage Tank Regulations 7510 E. Main St., P.O. Box 525 • Reynoldsburg, OH 43068-3395 (614) 752-7938 or 1-800-686-2878 (within Ohio only)

Nancy S. Chiles, Director

#### MOTICE OF VIOLATION

February 19, 1991

Mr. Lynn Clark Leaseway Transportation Corp. 3700 Park East Drive Cleveland, OH 44122 Custom Deliveries
1951 Dryden Road
Horaine, OH 45439
Hontgomery County
Incident #5710251-00

#### Dear Mr. Clark:

Section 3737.882 of the Chio Revised Code authorizes the State Fire Marshal to implement the corrective action program for releases of petroleum from underground storage tank systems within the state. Under the program, the owner/operator of the underground storage tank system is responsible for investigating suspected releases of petroleum from the tank system so as to either confirm or disprove that a release of petroleum has actually occurred. This office has been notified of a suspected release at the aforementioned facility.

As the owner and/or operator of the underground storage tank system you are subject to the state and federal regulations governing such systems. Rule \$1301:7-7-28 (K) (1) of the Ohio Administrative Code (CAC) specifically lists testing, moritoring or sampling results indicating a release may have occurred as constituting a suspected release of petroleum from underground storage tink systems. Pursuant to OAC Rule \$1301:7-7-36 (C) (1), you are required to investigate the suspected release at the aforementioned site in a manner consistent with OAC Rule \$1301:7-7-28 (K) so as to either confirm or disprove whether a release has actually occurred. Specifically, in order to comply with OAC Rules \$1301:7-7-28 and \$1301:7-7-36, you need to undertake the following activities:

- 1. On or before March 1, 1991, conduct a tightness test (precision test) of the tanks and piping which comprise the system to determine if a release may have occurred. The precision testing shall be done in accordance with the criteria listed in the Matienal Fire Protection Association (NFIPA) pamphlet No. 329.
- 2. On or before March 14, 1991, conduct an analysis of soil core samples for hydrocarbon and/or chemical contamination in the unsaturated zone

Mr. Lynn Clark
Page #2
February 19, 1991

under the underground storage tank system, or, if the groundwater is no more than twenty (20) feet from the ground surface, an analysis of groundwater samples for hydrocarbon and/or chemical contamination shall be conducted. Sampling shall be done in accordance with the enclosed "Sampling Guidelines". If any obvious signs of contamination (visual and/or odors) are found during the investigation the local fire official and State Fire Marshal, Bureau of Underground Storage Tank Regulations shall be immediately notified and corrective actions shall be initiated in accordance with OAC \$1301:7-7-36.

3. Within three days of your receiving the results of the tightness tests and sample analysis, submit copies of the results to the State Fire Marshal, Bureau of Underground Storage Tank Regulations.

As an alternative to the requirements described in items 1 through 3 above, the owner/operator may elect to remove and replace, or close the underground storage tank system. In this case the owner/operator shall follow the enclosed "Closure Site Assessment Requirements" and, perform such activities under the following deadlines and conditions:

- 1. On or before March 24, 1991, the underground storage tank system shall be removed and sampling shall be conducted.
- 2. If any obvious signs of contamination (visual and/or odors) are present during closure, the local Fire Official and the State Fire Marshal, Bureau of Underground Storage Tank Regulations shall be notified immediately, and corrective actions shall be initiated in accordance with OAC \$1301:7-7-36.
- 3. Within three days of receipt of written sample results the owner/operator shall submit the Closure Site Assessment report and all associated sample results to the State Fire Marshal and local Fire Official.

Depending on the closure deadline indicated, the owner/operator may have a short time period in which to obtain the written closure or change in service permit. If the permit is to be obtained from the State Fire Marshal, the owner/operator must contact the State Fire Marshal's Bureau of Underground Storage Tank Regulations. Arrangements can then be made to expedite the permitting process in order to help the owner/operator comply with the deadline line given.

Then soil and groundwater samples are to be collected the owner/operator shall follow the protocols described in the enclosed Sampling Guidelines or Closure Site Assessment Guidelines. At a minimum these guidelines shall be followed in order for the sample results to be considered valid.

To assist you in understanding your responsibilities, enclosed are appropriate statutes and rules related to petroleum UST suspected release investigations and corrective actions. Please note that failure to comply with the requirements

Mr. Lynn Clark Page ∯3 February 19, 1991

of OAC Rules §1301:7-7-28 and §1301:7-7-36 could subject you to civil penalties under Section 3737.882 (C) of the Ohio Revised Code and the criminal penalties under Section 3737.99 (I) of the Ohio Revised Code.

To assist our office in expediting a review of your correspondence, reference the incident number (5710251-00) and place it in the upper right hand corner of all of your correspondence. Thank you for your cooperation, and if you have any questions regarding this matter, please contact me at (614) 752-7938.

Sincerely,

Chang Smith For Sheda J. Gaston

Sheila J. Gaston Site Coordinator Southwest Field Office Bureau of Underground Storage Tank Regulations

SJG:ag

**Enclosures** 

cc: File #5710251-00

Bob Bennett, Moraine Fire Dept.

Mark Case, Montgomery County Combined Health District
Jim Shoemaker, Dayton Division of Water
Herb Nagel, Montgomery County Sanitary Engineers

